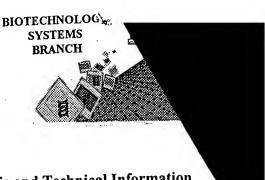
RAW SEQUENCE LISTING ERROR REPORT



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Application Serial Number:	10/085, 783
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FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

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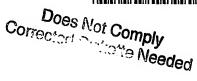
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Revised 01/29/2002





OIPE

RAW SEQUENCE LISTING

25 <170> SOFTWARE: FastSEQ for Windows Version 4.0

PATENT APPLICATION: US/10/085,783

DATE: 12/10/2002 TIME: 14:42:55

Input Set : D:\US_10_085783_Sequence_Listing.txt

Output Set: N:\CRF4\12102002\J085783.raw

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VERIFICATION SUMMARY

DATE: 12/10/2002 PATENT APPLICATION: US/10/085,783 TIME: 14:44:03

Input Set : D:\US 10_085783_Sequence_Listing.txt Output Set: N:\CRF4\12102002\J085783.raw

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L:1453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:120 after pos.:240
L:1669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:140 after pos.:0
L:1834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:153 after pos.:0
L:1942 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:162 after pos.:0
L:4451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:386 after pos.:60
L:4703 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:410 after pos.:240
L:6183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:542 after pos.:180
L:6718 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:590 after pos.:0
L:6719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:590 after pos.:60
L:6721 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:590 after pos.:180
L:8034 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:705 after pos.:120
L:9355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:811 after pos.:0
L:11342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:978 after pos.:240
L:12192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1052 after pos.:60
L:12235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1055 after pos.:0
L:12238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1055 after pos.:180
L:13052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1123 after pos.:180
L:13637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1172 after pos.:120
L:15005 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1291 after pos.:0
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L:15568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1339 after pos.:300
L:16718 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1440 after pos.:0
L:16766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1444 after pos.:120
L:18523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1600 after pos.:0
L:18524 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1600 after pos.:60
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L:19915 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1716 after pos.:60
L:20394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1758 after pos.:300
L:23200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2001 after pos.:0
L:23253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2005 after pos.:0
L:26317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2274 after pos.:60
L:28686 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2482
L:28688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2482 after pos.:60
L:28689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID\#:2482 after pos.:120
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L:28693 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2482 after pos.:360
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L:28697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2482 after pos.:600
L:28784 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2490 after pos.:0
L:28950 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2503 after pos.:60
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DATE: 12/10/2002

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/085,783 TIME: 14:44:03

Input Set : D:\US 10 085783 Sequence Listing.txt

Output Set: N:\CRF4\12102002\J085783.raw

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L:29554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2555 after pos.:0 L:29931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2586 after pos.:0
L:31369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2711 after pos.:60
L:33933 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2932
L:33940 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2932
L:33944 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2932 L:34113 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2944
L:34120 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2944
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VERIFICATION SUMMARY

DATE: 12/10/2002 TIME: 14:44:03

PATENT APPLICATION: US/10/085,783

Input Set : D:\US_10_085783 Sequence Listing.txt

Output Set: N:\CRF4\12102002\J085783.raw

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L:780227 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:51826
L:780497 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:51841
L:895347 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:895347 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:895347 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:58993
L:895358 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:895358 M:282 W: Numeric Field Identifier Missing, <212> is required.

L:895358 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:58994